

Patent
Attorney Docket: 491,920-029
(prev 263/103)

AMENDMENTS TO THE CLAIMS:

- AGJ*
1. (Previously amended) A sheet for implantation in a body comprising:
a sheet of ePTFE having a first surface and a second surface,
the first surface being non-textured, and
the second surface being textured, the second surface having:
a plurality of continuous, parallel channels extending into the
thickness dimension of the sheet and
a plurality of ridges disposed between the channels.
2. (Cancelled)
- EI*
3. (Previously amended) The sheet of claim 1 wherein the ridges and channels of the
second surface form nested geometric structures.
4. (Previously amended) The sheet of claim 3 wherein the nested geometric structures
comprise nested hexcells.
- 5-12. (Cancelled)
13. (Previously amended) An implantable sheet comprising:
a sheet of flexible ePTFE having first and second surfaces,
the first surface being less-textured than the second surface,
the second surface being textured and having:
a plurality of elongated, continuous channels extending into the
thickness dimension of the sheet and
a plurality of continuous ridges disposed between the channels.

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14. (Cancelled)

15-93. (Withdrawn)

94. (Currently amended) The sheet of claim 1 wherein the ridges and troughs on the second side of the sheet have a plurality of regions of varying heights, the tallest regions defining a first plane, and the ~~lowest regions~~ troughs defining a second plane, where the second plane is non-coplanar with the first plane.

95. (Currently amended) The sheet of claim 1 wherein the second surface comprises a pattern of ridges and troughs.

96. (Previously amended) The sheet of claim 95 wherein the pattern is periodic.

97. (Previously amended) The sheet of claim 95 wherein the pattern is repetitive.

98. (Previously amended) The sheet of claim 95 wherein the pattern is uniform.

99. (Previously amended) The sheet of claim 95 wherein the surface includes a plurality of hexcels.

100. (Cancelled)

101. (Previously amended) The sheet of claim 95 wherein the pattern includes geometric patterns.

102. (Previously amended) The sheet of claim 101 wherein the geometric pattern includes squares.

103. (Previously amended) The sheet of claim 101 wherein the geometric pattern includes circular patterns.

104. (Currently amended) The sheet of claim 1 wherein the lateral widths and heights of the ridges and troughs differ.

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105. (Previously amended) The sheet of claim 1 wherein the lateral width of the ridge regions is less than the width of the trough regions.

106. (Previously amended) The sheet of claim 1 wherein the channels extend into the sheet by at least 10% of the thickness of the sheet.

107. (Previously amended) The sheet of claim 106 wherein the channels extend into the sheet by at least 20% of the thickness of the sheet.

108 (Previously amended) The sheet of claim 106 wherein the channels extend into the sheet by at least 30% of the thickness of the sheet.

109 (Previously amended) The sheet of claim 106 wherein the channels extend into the sheet by at least 50% of the thickness of the sheet.

110. (Previously amended) The sheet of claim 1 wherein the sheet-like material is a laminated structure.

111. (Cancelled)

112. (Previously amended) The sheet of claim 1 wherein the plane of the ridge regions is substantially parallel to the plane of the trough regions.

113. (Previously amended) The sheet of claim 1 wherein the second surface is arranged to stimulate high tissue ingrowth.

114. (Previously amended) The sheet of claim 1 wherein the second surface is arranged to disorganize scar tissue.

115. (Cancelled)

116-121. (Cancelled)

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122. (Previously amended) The sheet of claim 95 wherein the pattern includes a plurality of parallel wells.

123. (Previously amended) The sheet of claim 94 wherein the-troughs extend into the sheet by at least 7% of the thickness of the sheet.

124. (Previously amended) The sheet of claim 94 wherein the-troughs extend into the sheet by at least 17% of the thickness of the sheet.

125. (Previously amended) The sheet of claim 94 wherein the-troughs extend into the sheet by at least 27% of the thickness of the sheet.

126. (Previously amended) The sheet of claim 94 wherein the-troughs extend into the sheet by at least 50% of the thickness of the sheet.

127-153. (Cancelled)

154. (New) The sheet of claim 1 further including holes disposed through the sheet.

155. (New) The sheet of claim 1 further including cuts disposed through the sheet.

156. (New) The sheet of claim 13 further including holes disposed through the sheet.

157. (New) The sheet of claim 13 further including cuts disposed through the sheet.